

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO.
		1022702-000153
		U.S. APPLICATION NO. (If known)
		10/562,047
INTERNATIONAL APPLICATION NO. PCT/FR 04/01681	INTERNATIONAL FILING DATE 30 June 2004	PRIORITY DATE CLAIMED 04 July 2003
TITLE OF INVENTION PRODUCTION OF PEARLS BASED ON EXPANDED POLYMERS		
APPLICANT(S) FOR DO/EO/US JEAN-FRANCOIS ESTUR, ERIC ROCHE and JEAN-FRANCOIS BRIOIS		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information: _____</li> </ol>		

U.S. APPLICATION NO. (If known) <div style="text-align: center;">10/562,047</div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/FR 04/01681</div>	ATTORNEY'S DOCKET NO. <div style="text-align: center;">1022702-000153</div>
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The following fees have been submitted:		<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/>	Basic National fee (37 CFR 1.492(a)) (1631) \$ 300	\$ 0	
22. <input type="checkbox"/>	Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 200	\$ 0	
23. <input type="checkbox"/>	Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1640) \$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority (1641) \$ 100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 400 All other situations (1632) \$ 500	\$ 0	
<b>TOTAL OF 21, 22 AND 23 =</b>		<b>\$ 0</b>	
<input type="checkbox"/> Additional fee for specifications and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$ 250 (1681) for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
0	-100 = 0	/50 = 0	x \$ 250
			\$ 0
<input type="checkbox"/> Surcharge of \$ 130 (1617) for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ 0
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	0	- 20 = 0	x \$ 50 (1615)
Independent Claims	0	- 3 = 0	x \$ 200 (1614)
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360 (1616)
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 0</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2			0
<b>SUBTOTAL =</b>			<b>\$ 0</b>
Processing fee of \$ 130 (1618) for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+	130
<b>TOTAL NATIONAL FEE =</b>			<b>\$ 130</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$ 40 per property		+	40
<b>TOTAL FEES ENCLOSED =</b>			<b>\$ 170</b>
08/11/2006 GFREY1 00000066 10562047		<b>Amount to be refunded: \$</b>	
01 FC 1617 130.00 0P		<b>Amount to be charged: \$</b>	

a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

d. ☒ Charge \$ 170 to credit card. Form PTO-2038 is attached.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Customer No 21839  
 P.O. Box 1404  
 Alexandria, VA 22313-1404  
 703 836 6620  
 Date: AUGUST 8, 2006

SIGNATURE  
 \_\_\_\_\_  
 Norman H. Stepno  
 NAME  
 \_\_\_\_\_  
 22716  
 REGISTRATION NO.



## UNITED STATES PATENT AND TRADEMARK OFFICE

1022702-000153

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/562,047	Jean-francois Estur	022702-153

INTERNATIONAL APPLICATION NO.
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PCT/FR04/01681

I.A. FILING DATE	PRIORITY DATE
06/30/2004	07/04/2003

21839

BUCHANAN INGERSOLL PC  
(INCLUDING BURNS, DOANE, SWECKER & MATHIS)  
POST OFFICE BOX 1404  
ALEXANDRIA, VA 22313-1404

CONFIRMATION NO. 6151

371 FORMALITIES LETTER



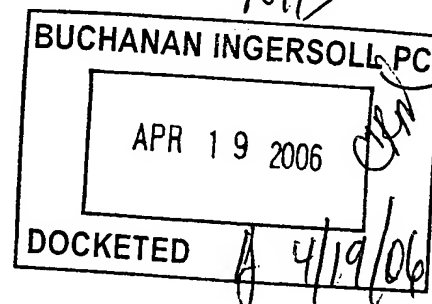
\*OC000000018538226\*

Date Mailed: 04/17/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/23/2005
- English Translation of the IA filed on 12/23/2005
- Copy of the International Search Report filed on 12/23/2005
- Preliminary Amendments filed on 12/23/2005
- Information Disclosure Statements filed on 12/23/2005
- Oath or Declaration filed on 12/23/2005
- Request for Immediate Examination filed on 12/23/2005
- Copy of references cited in ISR filed on 12/23/2005
- U.S. Basic National Fees filed on 12/23/2005
- Priority Documents filed on 12/23/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Missing Parts Due: 6/17/06

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/562,047	PCT/FR04/01681	022702-153